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#3

OIPE

RAW SEQUENCE LISTING

DATE: 12/19/2001

PATENT APPLICATION: US/09/876,143

TIME: 16:16:40

Input Set : D:\028040-0202.ST25.txt

Output Set: N:\CRF3\12192001\I876143.raw

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3 <110> APPLICANT: Infigen Inc.
4     EILERTSEN, KENNETH J.
5     PFISTER-GENSKOW, MARTHA
6     CHILDS, LYNETTE
7     FORSYTHE, TODD
8     BISHOP, MICHAEL D.
10 <120> TITLE OF INVENTION: IDENTIFICATION AND USE OF MOLECULAR MARKERS INDICATING
11     CELLULAR REPROGRAMMING
13 <130> FILE REFERENCE: 028040-0202
15 <140> CURRENT APPLICATION NUMBER: 09/876,143
16 <141> CURRENT FILING DATE: 2001-06-06
18 <150> PRIOR APPLICATION NUMBER: 60/209,874
19 <151> PRIOR FILING DATE: 2000-06-07
21 <160> NUMBER OF SEQ ID NOS: 1744
23 <170> SOFTWARE: PatentIn version 3.0
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28 <213> ORGANISM: Bovine
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71 gatgggggtct tttgtctcat ttttgaaacc tcggaaaact gtcaccatgc cccactccta    180

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75 gccaaagcaaa agcattctgg ccgcaatgaa aa                                272
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93 tggaagagcg gagaatactg gattgacccc aaccaaggct gcaacctgga tgccattaag      180
95 gtcttctgca acatggaac cggtgagacc tgtgtatacc ccactcagcc cagcgtggcc      240
97 caaaagaaac tgtatatcaa caagaacccc aaggaaaaga gcacgtctgg gacggcgaga      300
99 gcatgaccgg cggattocaa gtcgagtatt gcggcagagg tccgatactg ccgatgtggc      360
101 catccagctg acttttctgc gcctgatgtg caccgaggcc tctcaaatac tcaattacac      420
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123 atcgttctgc tgaaggacca gaggaagtgc ttcagcatcg acaaccccgg ctatgagccc      180
125 gaagtagtgg ccgtgcaccc gggtggtgag acagtggcgg tcggggcgcg gatggaacgt      240
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129 ggccgactgg cgtttccac gacgcgcctt ctgctggtgc gaccacaag tgtcagctct      360
131 cagcttgcca cgctatcgag acacgtttta tgacacacaa gatgttgctg ccgtctcgac      420
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135 ccatgacatg ctgtgaaac                                499
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153 cagcaccagt ggttcaccca ccagcatctg ggggccaccc cccagctcca ggggtccacc 180
155 ctccagcccc aggagtccac cctcctgctc cgggagtcca cctccagcc ccagggtcc 240
157 atcctcccc atctgctggc gttcaccccc agacaccagt ggtgcaccca ccagctcctg 300
W--> 159 cagttcaccc ccnagctcgg ggggtgcaccc aactcctgca gttcaccccc angctccagg 360
W--> 161 gntccaccca ccagctccgg ngtcaccca ccagccccctg gnatccaccc cagcctctgg 420
W--> 163 ngtcaccenn ctctctgnng tcatctccgc tctgggtcca tccagcactg nggtgcacct 480
165 caatctggtg cattcccaca cctgcccggtg ctgagcccca tacctogagc ctggacttct 540
167 ccctcccaca ctgaacaccc tactogttgt ttgttttggg tgccataaaa ttttgtgctg 600
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179 <222> LOCATION: (1)..(491)
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185 tggacctacg ggcctcctgg caaggacgga gcaagtggac accctgggtcc cattggacca 120
187 ccggggcccc gaggtaacag aggtgaaaga ggatctgagg gctccccagg ccaccaggga 180
W--> 189 caaccaggcc ctctctggacc tctctgggtgcc cctgggtccat gttgtggtgc tggcgnggtt 240
191 gctgccattg ctgggtgttg agccgaaaaa gctgggtgggt ttgccccata ttatggagat 300
W--> 193 gaaccgatag atttcaaata acaccgatga gatatgacct cactcaatca ngtcattggac 360
W--> 195 aaatagaagt ctcatagatc tgatgggttc cgtataaccn tgcacggact gcaggnacct 420
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199 ttttagtcta t 491
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217 tactaacaat ataccaatga tgacgagatg ttatccgaga aagcaccttc caagggcacc 180
219 ataccccagc tgtccaaaaa ggcctccggt atggaataat tctttttatt atctccgaag 240
W--> 221 tactattctt tacngnattt tctgagcttt ctaccactca agcctcgccc ccacctctga 300
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225 tcacacctct gtcctatggc tttcggagtt ctatttactg agccatcata tttatagaag 420
W--> 227 ggacgaagct atatacagcc ttttttcaca tacatagatc tatcacacta tcanctcaat 480
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232 <210> SEQ ID NO: 11
233 <211> LENGTH: 346
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242 gagatgaagc cctacacagg caccgagacc tttactatgc cctatgattt cgcgatcatt      180
244 accaccgacc tattaccgac cacctatggg gaccatcatg gcgttacgcg gagatagccg      240
246 acccatggag ggaagaattg tgtgagtatt aatcacaatg ataacttggg atgactgtct      300
248 atattttaag gtagttgttt ttggtttagt cctatctgga gagtga                      346
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258 <222> LOCATION: (1)..(617)
259 <223> OTHER INFORMATION: n is a, c, g, or t
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264 cgtaactga tgttatgggt taagtagtgc tgaaattttg gtggctaata tgccctccacc      120
266 cctagccaca gagatccctt ttttgagga atgactcgcg atgaagacga agatgatgag      180
268 gaagaggaag aagaaggagt cacgtggggc cgtgggaact cgaggtttga ggggtccccag      240
270 tcccccgagg aatttagctt tggcttcagc ttcagcccaa gaggaggaat gcgtttccac      300
W--> 272 gataacttcg nctttgatga cctaatacgg natttcaata acatcttcag cgagatggng      360
274 gcctggacct tgccttcccg cccctctgta cttccaggtc ctgagtcaga gacacctggt      420
W--> 276 gagagacggc agtaggacag acgcttcgga ctcatgcttt attatncana tatcacagcc      480
W--> 278 cagacttngt ggggctggna aggagcanga ctgtatctcc aacacaccga cgtgccncca      540
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282 gagtttgcca ttggggcc                      617
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292 <222> LOCATION: (1)..(547)
293 <223> OTHER INFORMATION: n is a, c, g, or t
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300 aacgtgcagg gaacatcgct gctctgggtg actgacaggc tgggctgcag agcggctcct      180
302 ggagcagctc aaggcctgcg agctgcagga tgaggctgac atgcagcggg agttcccgcg      240
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W--> 308 ggagggccat gttcttgtgt ccacagtgac ctgagtcact gaggtttatg cacagactng      420
W--> 310 tggatcaataa cggntgtgta gccagtcact ggtgagtanc caacacgtgg tttttcgaac      480
312 aggcagcgtc aggctgaagt ggaagaatca gatgttacag aacgatcacc caactcacgt      540
314 gttgtct                      547
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332 tttgaggagc atgggttttag gccaaccaca ccgcccacca cggccacccc cgtaaggcat      180
W--> 334 aggccaaagac cgtatccgcc gaattgtaa atgaggatcc aaattgggtca tgtccccang      240
W--> 336 ggagacgtag accatcatct ctaccctcac gttgtgggac tcaantccaa tgctttctacn      300
W--> 338 agccaagaag ctctctctca nacaaccatc tcatggaccc cattnccaga aagctctgag      360
340 tatatcattt catgtcattc agttggcatt gatgagaacc ttacagttcg agttctggat      420
W--> 342 cttgctaggc cactgacgg cctcacagag gnccactaca catatatgag gaggtaaagac      480
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364 cacagaccat tctcgttccc cagctagaaa gcaatagggt aaattctaaa agctgtttgc      180
366 tttttcgtct tcgcctttta atccttggaa gttatctctt cctgtctccc tacagtatat      240
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W--> 370 cctnctagag cgggtgtngt gttcctacac cactccctcc tcagcagaag ggctgcacac      360
W--> 372 acatacacca gagaacttcg ccttcccttt tcacttncac ctcccccacca tgcttcgttt      420
W--> 374 actactagat gagagttatg accacagctc tanacgttac gctttgtatt attaatcca      480
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396 aaaacaaaac accccttgag aaacaaaatg aacgaaaatt tatttacctc ttttattacc      180
398 cctgttattt taggtctccc tcttcgtacc cttatcgtac tattcccaag cctactattc      240
W--> 400 ccaacatcaa accgactagt aagcaatcgc tttgntaccc tccacaatga atacttcaac      300

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Input Set : D:\028040-0202.ST25.txt

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